

# Engr 340: Engineering Geology School of Engineering

Introduction to properties and mechanics of earth materials: rock, soils and groundwater. Weathering and soil-forming processes. Geophysical methods. Hazards including mass wasting, subsidence, expansive soils, floods and earthquakes. Earth dams and dam foundations.

### 4 Credits

- Prerequisites
  - <u>Chem 105: General Chemistry I</u> (Minimum grade: C)
  - Co-Requisites: Phys 211 or Phys 213

#### **One-way corequisites**

Math 262: Unified Calculus & Analytic Geometry II

# Instruction Type(s)

• Lecture/Lab: Lecture/Lab for Engr 340

# **Subject Areas**

• Engineering, General

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